

Professional Pilot, B.S.

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Requirements

The Bachelor of Science in Professional Pilot prepares students to enter the work force as a certified flight instructor and commercial, multi-engine rated pilot. Students receive specific training under Federal Aviation Administration (FAA) 14 CFR Part 141 and Restricted Air Transport Pilot (R-ATP) regulations to qualify for specialized employment requirements with a regional airline. Delivery focuses on technical training and applied exercises providing the knowledge and skills required for several licenses and ratings.

Total Program Credits: 120

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| Matriculation Requirements: | | | |
| Students seeking admission to the program will be required to meet the following admission requirements: | | | |
| <ol style="list-style-type: none"> 1. Hold a second class FAA medical certificate from an FAA designated Medical. 2. An overall GPA of at least 2.5. 3. Due to limited availability of flight training resources, flight student admission into the on-campus AVSC 1110 Flight I - Private Pilot course, when necessary, may require selection through a competitive point based application. | | | |
| General Education Requirements: | | 35 Credits | |
| | ENGL 1010 | Introduction to Academic Writing | 3 |
| or | ENGL 1005 | Literacies and Composition Across Contexts (5) | |
| | ENGL 2010 | Intermediate Writing/Academic Writing and Research | 3 |
| Complete one of the following: | | | 3 |
| | MAT 1030 | Quantitative Reasoning (3.0) (recommended for Humanities or Arts majors) | |
| | MAT 1035 | Quantitative Reasoning with Integrated Algebra (6.0) | |
| | MATH 1050 | College Algebra (4.0) (recommended for Business, Education, Science, and Health Professions majors) | |
| | MATH 1055 | College Algebra with Preliminaries (5.0) | |
| | STAT 1040 | Introduction to Statistics (3.0) | |
| | STAT 1045 | Introduction to Statistics with Algebra (5.0) | |
| Complete one of the following: | | | 3 |
| | HIST 2700 | US History to 1877 (3.0) | |
| and | HIST 2710 | US History since 1877 (3.0) ¹ | |
| | HIST 1700 | American Civilization (3.0) | |
| | HIST 1740 | US Economic History (3.0) | |
| | POLS 1000 | American Heritage (3.0) | |
| | POLS 1100 | American National Government (3.0) | |
| Complete the following: | | | |
| | PHIL 2050 | Ethics and Values | 3 |
| | HLTH 1100 | Personal Health and Wellness (2.0) | |

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| or | PES 1097 | Fitness for Life | 2 |
| Distribution Courses: | | | |
| | | Biology | 3 |
| | | Physical Science ² | 3 |
| | | Additional Biology or Physical Science ³ | 3 |
| | | Humanities Distribution ⁴ | 3 |
| | | Fine Arts Distribution | 3 |
| | | Social/Behavioral Science ⁵ | 3 |
| Discipline Core Requirements: | | | 68 Credits |
| | AVSC 1010 | Survey of Aviation Science | 3 |
| | AVSC 1100 | Ground I - Private | 3 |
| | AVSC 1110 | Flight I - Private | 3 |
| | AVSC 1240 | Ground II - Instrument | 3 |
| | AVSC 1250 | Flight II - Instrument II | 3 |
| | AVSC 2070 | Communications for Aviation Professionals | 3 |
| | AVSC 2110 | Aviation Weather | 3 |
| | AVSC 2130 | Aviation Safety | 3 |
| | AVSC 2150 | Air Transportation Management | 3 |
| | AVSC 2300 | Ground IV - Commercial | 3 |
| | AVSC 2310 | Flight IV - Commercial | 3 |
| | AVSC 2440 | Ground III - Multi Engine | 1 |
| | AVSC 2450 | Flight III - Multi Engine | 1 |
| | AVSC 3030 | Air Traffic Control I | 3 |
| | AVSC 3090 | Airline and Dispatch Operation | 3 |
| | AVSC 3200 | Flight Physiology | 3 |
| | AVSC 3300 | Jet Transport Systems | 3 |
| | AVSC 3400 | International Flight Operations | 3 |
| | AVSC 3530 | Flight Aerodynamic | 3 |
| | AVSC 3600 | Multi-piloted Operations | 3 |
| | AVSC 410G | Global Ethical and Professional Issues in Aviation | 3 |
| | AVSC 4160 | Aviation Law | 3 |
| | AVSC 4700 | Aviation Professional Seminars | 3 |
| | AVSC 4800 | Professional Pilot Capstone | 3 |
| Elective Requirements: | | | 17 Credits |
| Upper division elective credits | | | 9 |
| 1000+ Electives | | | 8 |

Graduation Requirements:

1. Completion of a minimum of 120 or more semester credits, with a minimum of 40 upper division semester credits.
2. Overall grade point average of 2.0 (C) or above. Aviation courses require a C- or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of Commercial Pilot Certificate.
5. Students in the Professional Pilot degree should obtain an FAA Class I or II Medical Certificate prior to beginning flight training.

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6. Students may count no more than 8 credit hours of total cooperative work experience (AVSC 281R/285R/481R/485R) toward the degree requirements without department approval.
7. Successful completion of at least one Global/Intercultural course.

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| Footnote: |
| 1- If student chooses HIST 2700 and HIST 2710, the additional hours may be used towards a social science distribution requirement. |
| 2- PHYS 1850 recommended |
| 3- METO 1010 recommended |
| 4- COMM 1020 and 1025 recommended |
| 5- PSY 1010 recommended |

Professional Pilot, B.S.**Graduation Plan**

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in [Wolverine Track](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

| Semester 1 | Course Title | Credit Hours |
|---|--|--------------|
| <i>ENGL 1010 or ENGH 1005</i> | Introduction to Academic Writing or Literacies and Composition Across Contexts | 3 |
| MAT 1030 or MAT 1035 or STAT 1040 or STAT 1045 or MATH 1050 or MATH 1055 or MATH 1090 | see catalog | 3 |
| AVSC 1010 | Survey of Aviation | 3 |
| Humanities | COMM 1020 and 1025 recommended | 3 |
| Social Science | PSY 1010 Recommended | 3 |
| | Semester total: | 15 |
| Semester 2 | Course Title | Credit Hours |
| <i>ENGL 2010</i> | Intermediate Writing | 3 |
| <i>Biology</i> | see catalog | 3 |
| Fine Arts | see catalog | 3 |
| Physical Science | METO 1010- Introduction to Meteorology Recommended | 3 |
| American Institutions | see catalog | 3 |
| | Semester total: | 15 |
| Semester 3 | Course Title | Credit Hours |
| Biology/ Physical Science | PHYS 1850 Recommended | 3 |
| AVSC 2150 | Air Transportation Management | 3 |
| AVSC 2070 | Communications for Aviation Professionals | 3 |
| AVSC 1100 | Ground I - Private | 3 |
| AVSC 1110 | Flight 1-Private | 3 |
| | Semester total: | 15 |
| Semester 4 | Course Title | Credit Hours |
| PHIL 2050 | Ethics and Values | 3 |
| HLTH 1100 or PES 1097 | Personal Health and Wellness or Fitness for Life | 2 |
| AVSC 2130 | Aviation Safety | 3 |
| AVSC 2110 | Aviation Weather | 3 |
| AVSC 1240 | Ground II- Instrument | 3 |
| AVSC 1250 | Flight II - Instrument II | 3 |

| | Semester total: | 17 |
|----------------|---|--------------|
| Semester 5 | Course Title | Credit Hours |
| Upper Elective | see catalog | 3 |
| AVSC 3030 | Air Traffic Control I | 3 |
| AVSC 3090 | Airline and Dispatch Operations | 3 |
| AVSC 2300 | Ground IV - Commercial | 3 |
| AVSC 2310 | Flight IV - Commercial | 3 |
| | Semester total: | 15 |
| Semester 6 | Course Title | Credit Hours |
| AVSC 3200 | Flight Physiology | 3 |
| AVSC 3400 | International Flight Operations | 3 |
| AVSC 3530 | Flight Aerodynamics | 3 |
| AVSC 2440 | Ground III- Mult-Engine | 1 |
| AVSC 2450 | Flight III - Multi-Engine | 1 |
| lower elective | Any course 1000 level or higher | 2 |
| | Semester total: | 13 |
| Semester 7 | Course Title | Credit Hours |
| AVSC 3300 | Jet Transport Systems | 3 |
| AVSC 3600 | Multi-Piloted Operations | 3 |
| AVSC 410G | Global Ethics and Professional Issues in Aviation | 3 |
| lower elective | AVSC 2400 Ground Certified Flight Instructor Strongly Recommended | 4 |
| lower elective | AVSC 2410 Certified Flight Instructor Flight Strongly Recommended | 1 |
| lower elective | lower elective | 1 |
| | Semester total: | 15 |
| Semester 8 | Course Title | Credit Hours |
| AVSC 4160 | Aviation Law | 3 |
| AVSC 4700 | Aviation Professional Seminars | 3 |
| AVSC 4800 | Professional Pilot Capstone | 3 |
| Upper Elective | AVSC 4710 Pilot Prep STRONGLY recommended | 5 |
| Upper Elective | Upper Elective | 1 |
| | Semester total: | 15 |
| | Degree total: | 120 |